

Title (en)
SHIPPING BOX

Title (de)
VERSANDSCHACHTEL

Title (fr)
BOÎTE D'EXPÉDITION

Publication
EP 3919401 A1 20211208 (EN)

Application
EP 20382474 A 20200602

Priority
EP 20382474 A 20200602

Abstract (en)
The shipping box comprises a bottom structural flap (1.1) and a plurality of sidewall structural flaps (2, 3, 4.1, 4.2, 5.1, 5.2), of which at least two arise from the bottom structural flap (1.1), and assembly elements (4.4, 4.5, 5.4, 5.5) that assemble the box in a stable way, the box being foldable in a flat folded position, in which, from its upper part, in the use position, from at least three of the structural sidewall flaps (2, 3, 4.1, 4.2, 5.1, 5.2) arise at least three functional flaps (6.1, 6.2, 6.3, 6.4, 9, 13, 15) independent of each other, making the functional flaps the functions of lid, interior space reducer, fastening and/or handle, and that said assembly elements (4.4, 4.5, 5.4, 5.5) are located on the internal part of the box.

IPC 8 full level
B65D 5/18 (2006.01); **B65D 5/44** (2006.01); **B65D 5/46** (2006.01); **B65D 5/50** (2006.01); **B65D 5/66** (2006.01)

CPC (source: EP US)
B65D 5/18 (2013.01 - EP US); **B65D 5/443** (2013.01 - EP US); **B65D 5/46152** (2013.01 - EP); **B65D 5/5023** (2013.01 - EP US); **B65D 5/6685** (2013.01 - EP US)

Citation (search report)

- [XAI] US 5007580 A 19910416 - MORRISON WAYNE P [US], et al
- [XAI] US 4511079 A 19850416 - LOPEZ LOUIS [US]
- [XAI] FR 2615482 A1 19881125 - COMPTOIR GENERAL EMBALLAGE [FR]
- [XAI] US 3055570 A 19620925 - PORTOLA HAMILTON JOSEPH
- [XAI] US 2845211 A 19580729 - HAUCK WILLIAM E, et al

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3919401 A1 20211208; EP 4157734 A1 20230405; US 2023097423 A1 20230330; WO 2021244900 A1 20211209

DOCDB simple family (application)
EP 20382474 A 20200602; EP 2021063875 W 20210525; EP 21728536 A 20210525; US 202218073767 A 20221202